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next higher figure when an intermediate tonnage is calculated.

(4) The tonnage limitation on this license may be raised using one of the following methods, but cannot exceed 5000 gross tons. Limitations are in multiples of 1000 gross tons, using the next higher figure when an intermediate tonnage is calculated.

(i) Three months service as mate on a vessel results in a limitation in that capacity equal to the tonnage of that vessel rounded up to the next multiple of 1000 gross tons;

(ii) Six months service as mate on a vessel results in a limitation in that capacity equal to 150% of the tonnage of that vessel;

(iii) Six months service as mate on vessels over 1600 gross tons results in raising the limitation to 5000 gross tons;

(iv) One year of service as deckhand on vessels over 1600 gross tons while holding a license as mate, results in raising the limitation on the mate's license to 5000 gross tons;

(v) Two years service as a deckhand on a vessel while holding a license as mate results in a limitation on the mate's license equal to 150% of the tonnage of that vessel up to 5000 gross tons; or,

(vi) One year of service as deckhand on a vessel while holding a license as mate results in a limitation on the mate's license equal to the tonnage of that vessel.

(e) Applicants may request an oral examination on the subjects listed in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 141, Jan. 4, 1989; USCG-1999-6224, 64 FR 63228, Nov. 19, 1999]

EFFECTIVE DATE NOTE: By USCG-1999-6224, 64 FR 63228, Nov. 19, 1999, §10.462 was amended in paragraph (c), by removing the words "operator of uninspected towing vessels" and adding, in their place, the words "master or mate (pilot) of towing vessels", effective Nov. 20, 2000.

§ 10.463 General requirements for licenses for master, mate (pilot), and apprentice mate (steersman) of towing vessels.

(a) The Coast Guard issues the following licenses:

(1) Master of towing vessels.

(2) Master of towing vessels, harbor assist.

(3) Master of towing vessels, limited.

(4) Mate (pilot) of towing vessels.

(5) Mate (pilot) of towing vessels, limited.

(6) Apprentice mate (steersman).

(7) Apprentice mate (steersman), harbor assist.

(8) Apprentice mate (steersman), limited.

(b) A master license means a license to operate a towing vessel not restricted to harbor assist and not restricted to a local area designated by the OCMI. This also applies to a mate (pilot) license.

(c) For this section, *limited* means a license to operate a towing vessel of less than 200 gross tons limited to a local area designated by the OCMI.

[USCG-1999-6224, 64 FR 63228, Nov. 19, 1999]

EFFECTIVE DATE NOTE: By USCG-1999-6224, 64 FR 63228, Nov. 19, 1999, §10.463 was added, effective Nov. 20, 2000.

§ 10.464 Requirements for licenses as master of towing vessels.

(a) If you would like to obtain a license as master of towing vessels endorsed with a route listed in column 1 of Table 10.464-1, then you must complete the service requirements indicated in columns 2 through 5. If you would like to upgrade your license as master of towing vessels (harbor assist), then you must complete the service requirements listed in columns 6 through 9. You may serve on the subordinate routes listed in column 10 if you complete the observation and training required in column 11.

TABLE 10.464-1--REQUIREMENTS FOR LICENSE AS MASTER OF TOWING VESSELS

1 ROUTE ENDORSED	2 TOTAL SERVICE ¹	3 TOS ² ON TV AS MATE (PILOT)	4 TOS ² ON TV AS MATE NOT AS HARBOR ASSIST	5 TOS ² ON PARTICULAR ROUTE	6 TOS ² AS MATE (PILOT) WHILE HOLDING MASTER (HARBOR ASSIST)	7 TOS ² ON PARTICULAR ROUTE	8 TOAR ⁵	9 PASSED APPROPRIATE ROUTE EXAMINATION ³	10 SUB- ORDINATE ROUTE AUTHORIZED	11 DAYS OF OBSERVATION AND TRAINING REQUIRED ⁴
(1) OCEANS (O)	48	18 of 48	12 of 18	3 of 18	12	3 of 12	YES	YES	NC, GL-I, R WR LLA	30 90 30
(2) NEAR- COASTAL (NC)	48	18 of 48	12 of 18	3 of 18	12	3 of 12	YES	YES	GL-I, R WR LLA	30 90 30
(3) GREAT LAKES- INLAND (GL-I)	48	18 of 48	12 of 18	3 of 18	12	3 of 12	YES	YES	R WR LLA	30 90 30
(4) RIVERS (R)	48	18 of 48	12 of 18	3 of 18	12	3 of 12	YES	YES	WR LLA	90 30
(5) WESTERN RIVERS (WR)	48	18 of 48	12 of 18	3 of 18	12	3 of 12	YES	YES	LLA	30

- 1 Service is in months.
- 2 TOS is time of service.
- 3 The COPP determines the appropriate route examination for the desired endorsement.
- 4 If you hold a license as master of towing vessels you may have a restricted endorsement, as mate (pilot) for a route not included in the current endorsements on which you have no operating experience, placed on your license after passing an examination for that route. Upon completion of 90 days of experience on that route, you may have the endorsement removed. This is instead of the requirement listed in this column.
- 5 TOAR is training officers' assessment record.

(b) If you would like to obtain a license as master of towing vessels (harbor assist) endorsed with a route listed in column 1 of Table 10.464-2, then you

must complete the service requirements indicated in columns 2 through

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5. If you would like to upgrade your license as master of towing vessels (limited), then you must complete the service requirements listed in columns 6 and 7, and either 8, 9, or 10. You may

serve on the subordinate routes listed in column 11 if you complete the observation and training required in column 12.

TABLE 10.464-2--REQUIREMENTS FOR LICENSE AS MASTER OF TOWING VESSELS (HARBOR ASSIST)

1 ROUTE ENDORSED	2 TOTAL SERVICE ¹	3 TOS ² ON TV ON TV AS APPRENTICE MATE	4 TOS ² ON TV ON TV AS APPRENTICE MATE CONDUCTING HARBOR ASSIST	5 TOS ² ON PARTICULAR ROUTE	6 TOS ² ON TV ON TV CONDUCTING HARBOR ASSIST WHILE LICENSED AS MASTER (LIMITED)	7 TOS ² ON PARTICULAR ROUTE	8 COURSE	9 TOAR ³	10 30 DAYS OF OBSERVATION AND TRAINING AND PASSED A LIMITED EXAMINATION	11 SUB- ORDINATE ROUTE AUTH'D	12 DAYS OF OBSER- VATION AND TRAINING REQ'D
(1) GREAT LAKES- INLAND (GL-I)	48	30 of 48	18 of 30	18 of 30	12	3 of 12	YES	YES	YES	R WR LLA	30 90 30
(2) RIVERS (R)	48	30 of 48	18 of 30	18 of 30	12	3 of 12	YES	YES	YES	WR LLA	90 30
(3) WESTERN RIVERS (WR)	48	30 of 48	18 of 30	18 of 30	12	3 of 12	YES	YES	YES	LLA	30
(4) LIMITED LOCAL AREA (LLA)	48	30 of 48	18 of 30	18 of 30	12	3 of 12	YES	YES	YES		

¹ Service is in months.

² TOS is time of service.

³ TOAR is training officers' assessment record.

(c) If you would like to obtain a license requirements listed in Table 10.464-3, then you must complete the serv-

TABLE 10.464-3.—REQUIREMENTS FOR LICENSE AS MASTER OF TOWING VESSELS (LIMITED)

¹ Route endorsement	² Total service ¹	³ TOS ² on T/V as limited mate (pilot)	⁴ TOS ² on particular route
LIMITED LOCAL AREA (LLA)	36	12 of 36	3 of 12.

¹ Service is in months.² TOS is time of service.

(d) The Coast Guard restricts licenses as master of towing vessels for oceans and near-coastal routes by the gross tonnage of the towing vessels on which the experience was acquired by 200, 500, 1,600 gross tons, per §§ 10.424, 10.418, and 10.412 of this part, respectively.

(e) Before you serve as master of towing vessels on the Western rivers, you must possess 90 days of observation and training and have your license endorsed for Western Rivers.

(f) Each company must maintain evidence that every vessel it operates is under the direction and control of a licensed mariner with appropriate experience, including 30 days of observation and training on the intended route other than Western Rivers.

(g) If you hold a license as master of self-propelled vessels of greater than 200 gross tons and first-class pilot then you may obtain an endorsement for towing vessels (restricted to the service presented) if you—

(1) Have 30 days of training and observation on towing vessels on each of the routes for which the endorsement is sought, except as noted in paragraph (e) of this section;

(2) Submit a towing officers' assessment record described in § 10.304(h) that exhibits evidence of assessment of practical demonstration of skills; and

(3) Pass an examination.

[USCG-1999-6224, 64 FR 63228, Nov. 19, 1999]

EFFECTIVE DATE NOTE: By USCG-1999-6224, 64 FR 63228, Nov. 19, 1999, § 10.464 was revised, effective Nov. 20, 2000. For the convenience of the user, the superseded text is set forth as follows:

§ 10.464 Licenses for operator of uninspected towing vessels.

(a) Licenses are issued as operator or second-class operator of uninspected towing vessels. These licenses do not authorize service aboard uninspected towing vessels on a foreign voyage nor on those of more than 200 gross tons in ocean or near coastal service.

(b) Licenses as operator and second-class operator of uninspected towing vessels are endorsed for operation on one or more of the following geographic areas:

- (1) Oceans (domestic trade) waters;
- (2) Near coastal waters;
- (3) Great Lakes and inland waters;
- (4) Western rivers; or,
- (5) A limited local area designated by the

Officer in Charge, Marine Inspection.

(c) For a license as operator of uninspected towing vessels, an applicant must have one of the following:

(1) Three years of service including the following:

(i) Two years on deck of a vessel of 26 feet or over in length;

(ii) One year on deck on a towing vessel, with at least six months of training or duty in the wheelhouse of the towing vessel; and,

(iii) Three months of service in each particular geographic area for which application is made; or,

(2) Three years of service on towing vessels including the following:

(i) One year on deck, with at least six months of training or duty in the wheelhouse of the towing vessel; and,

(ii) Three months of service in each particular geographic area for which application is made; or,

(3) For a license endorsed for a limited local area, 18 months service on deck on a towings vessel within the local area, including at least three months of training or duty in the Wheelhouse of the towing vessel.

(d) For a license as second-class operator of uninspected towing vessels, an applicant must have:

(1) At least 18 months of service on deck, including 12 months on towing vessels. The service must include at least three months of training or duty in the wheelhouse of towing vessels and three months of service in each particular geographic area for which endorsement for the license is requested; or,

(2) At least six months of service on towing vessels while holding a merchant mariner's document endorsed as *able seaman unlimited*, *able seaman limited*, or *able seaman special*. The service must include three months in each particular geographic area for which an endorsement is requested, and either two months of training or duty in the wheelhouse or one month training or duty in the